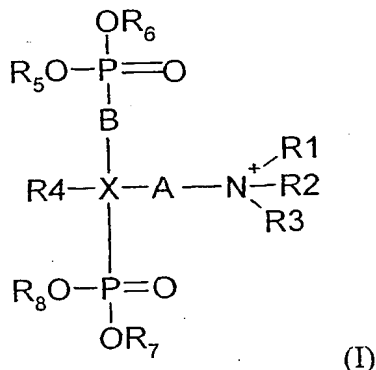


Replace by
Part 19

CLAIMS

1. Medicine comprising the polyphosphonate compound with general formula I as active constituent:



5

in which:

1) R1, R2, R3, R5, R6, R7, R8 represent an atom of hydrogen or a C1 - C6 alkyl or aryl group, independently of each other;

10

2) X is a carbon C atom or a nitrogen N atom;

3) A represents a C1 - C6 alkyl or aryl group, a carbonyl group or a hydrophilic group, B and C represent a chemical bond, a C1 - C6 alkyl or aryl group, a carbonyl group, or a hydrophilic group;

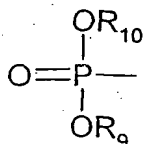
15

4) R4 represents:

a) either a hydrogen atom, an OH group, a C1 - C6 alkyl or aryl group, or a C1 - C6 carboxylic acid, a free doublet (if X is a nitrogen N);

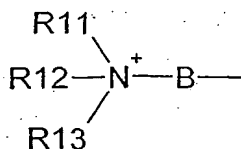
b) or a phosphonate with formula:

20



in which R₉, R₁₀ represent a hydrogen atom, or a C1 - C6 alkyl or aryl group, independently of each other;

5 c) or a quaternary ammonium group with formula



10 in which R₁₁, R₁₂, R₁₃ represent a hydrogen atom, or a C1 - C6 alkyl or aryl group in independently of each other, and B represents a chemical bond, a C1 - C6 alkyl group, a carbonyl group or a hydrophilic group;

d) or a hydrophilic group;

15 e) or a polyphosphonate compound with the following general formula II:

